

District	Field	Area	Aqui
			Formation
3	Cat Canyon Oil	Sisquoc/East/Olivera Canyon/Central/West	Sisquoc
3	Casmalia Oil		Monterey
3	Lynch Canyon Oil		Monterey
3	Lynch Canyon Oil		Santa Margarita
3	Lynch Canyon Oil		Monterey
3	San Ardo Oil		Monterey
4	South Belridge Oil		Tulare
4	Poso Creek Oil	Enas/Premier	Etchegoin
4	Kern Front Oil		Chanac
4	Kern Front Oil		Etchegoin

fer	Type/Exemption Criteria	Operator
Zone		
Sisquoc	Hydrocarbon zone extension	ERG
Monterey	WD into zone less than 10,000 but greater than 3,000 TDS	CA
Lanigan	Hydrocarbon zone extension	Eagle Petroleum
	extn from San Ardo Oil where exempt	Eagle Petroleum
D sand	extn from San Ardo Oil where exempt	Eagle Petroleum
Lombardi	extn from San Ardo Oil where exempt	Chevron
Tulare	Hydrocarbon zone extension downdip	Aera
Basal Etchegoin	Hydrocarbon zone extension	Hathaway
Chanac	Hydrocarbon zone extension	Hathaway
Etchegoin	Hydrocarbon zone extension	Hathaway

Injection Type	Status			
	Documentation	EPA	Process	EPA Spreadsh
SF/SC	Data submitted	Discussed	Needs RWQCB, Public Comment	Data submitted
WD	Inc. data	Discussed	Needs RWQCB, Public Comment	X
SF	Inc. data	X	Needs RWQCB, Public Comment	X
WD	Inc. data	X	Needs RWQCB, Public Comment	X
WD	Inc. data	X	Needs RWQCB, Public Comment	X
WD	Discussions made	X	X	X
WD	Data submitted	Discussed	RWQCB, Public Comment done	X
SF/SC	Data submitted	X	RWQCB, Public Comment done	Data submitted
SC	Discussions made	X	X	X
WD	Discussions made	X	X	X

Status
On-hold for integration
Not being pursued
Ongoing
Ongoing
Ongoing
Ongoing
Ongoing
On-hold for integration
Ongoing
Ongoing

Category 1 - Injection into MOA Attachment 3 Fields/Formations and Known Injection into Non Primacy Formations/Z

District
4
4
4
4
4

ones

Field	Area	Aquifer	Type/Exemption Criteria	No of Operators
		Formation		
Kern Front Oil		Santa Margarita	for discussion - zone TDS <3,000	3
Kern River Oil		Chanac/Santa Margarita	for discussion - zone TDS <3,000	3
Mount Poso Oil		Walker	for discussion - zone TDS <3,000	1
Round Mountain		Olcese/Walker	for discussion - zone TDS <3,000	3
Elk Hills		Tulare	TDS is >3,000 and <10,000	2

Injection Type	No of Active Wells	Comments	
			Work Required
WD	12		Meet with operators
WD	39		Meet with operators
WD	4	Injection is commingled to the Vedder which is an OK zone. Currently being reviewed at district but we will assume for now that these wells need the AE.	Meet with operators
WD/GD	32	Injection is commingled to other zones which are OK zones. Currently being reviewed at district but we will assume for now that these wells need the AE.	Meet with operators
WD	33	Does not include Class I wells	Meet with operators

Tentative Work Plan

Target Date	Work Required	Target Date	Work Required	Target Date	Work Required	Target Date
17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB/Public Comment	2nd Quarter 2014	Package and submit to EPA	2nd half 2014
17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB/Public Comment	2nd Quarter 2014	Package and submit to EPA	2nd half 2014
17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB/Public Comment	2nd Quarter 2014	Package and submit to EPA	2nd half 2014
17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB/Public Comment	2nd Quarter 2014	Package and submit to EPA	2nd half 2014
17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB/Public Comment	2nd Quarter 2014	Package and submit to EPA	2nd half 2014

Category 2 - Injection outside of Shaded Areas in Primacy Data Sheets

District	Field
4	Kern Front Oil
4	Kern Front Oil
4	Kern River Oil
4	Poso Creek Oil
4	Mount Poso

Aquifer Formation	Type/Exemption Criteria	No of Operators	Injection Type	No of Active Wells
Chanac	Extension of HC zone	2	WD	5
Chanac/Etchegoin	Extension of HC zone	1	SF	2
Kern River	Hydrocarbon zone extension	2	SF/WD	36
Etchegoin/Chanac/Santa Margarita	Hydrocarbon zone extension	2	SF/WD	31
Vedder/Pyramid Hill/Olcese	Hydrocarbon zone extension	4	SF/WD/GD	23

Tentative Work Plan						
Work Required	Target Date	Work Required	Target Date	Work Required	Target Date	Work Required
Meet with operators	17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB / Public Comment	2nd Quarter 2014	Package and submit to EPA
Meet with operators	17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB / Public Comment	2nd Quarter 2014	Package and submit to EPA
Meet with operators	17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB / Public Comment	2nd Quarter 2014	Package and submit to EPA
Meet with operators	17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB / Public Comment	2nd Quarter 2014	Package and submit to EPA
Meet with operators	17-Jan-14	Review and integrate data if needed	1st Quarter 2014?	Initiate RWQCB / Public Comment	2nd Quarter 2014	Package and submit to EPA

Target Date
2nd half 2014
2nd half 2014
2nd half 2014
2nd half 2014
2nd half 2014

Scoping of the Number of Class II Wells outside the Primacy productive areas (shaded) - preliminary

District
1
2
3
4
5
6

No. of Fields	No. of Operators	No. of Wells	Well Types
18	18	229	WF, WD
25	14	85	SF,WF, WD
18	16	145	SF, WF, WD, PM
42	46	1562	SF, WF, PM, WD, GD
8	7	14	WF, WD
2	2	5	WD